

# Japanese Tutorial 6 - Groovy SQL

## Groovy SQL

[GroovySQL article](#), by Andrew Glover

Groovystring  
:

```
piEstimate = 3;
println("Pi is about ${piEstimate}");    --> Pi is about 3
println("Pi is closer to ${22/7}");     --> Pi is closer to 3.1428571429
```

Groovy\${}(groovy expression)

### Groove SQL 3

```
import groovy.sql.Sql
sql =
Sql.newInstance("jdbc:jtds:sqlserver://serverName/dbName-CLASS;domain=domainName",
"username",
"password", "net.sourceforge.jtds.jdbc.Driver")
sql.eachRow("select * from tableName", { println it.id + " -- ${it.firstName} --" });
```

JavaimportGroovySql2SQLsqlMS SQL ServerjTDSjdbc username,password  
Sql eachRow 12  
"it"result set Groovy expression

```
001 -- Lane --
```

## DB

DB

```
row = sql.firstRow("select columnA, columnB from tableName")
println "Row: columnA = ${row.columnA} and columnB = ${row.columnB}"
```

GroovySql insert,update,delete GroovySql.execute executeUpdate JDBC.execute executeUpdate  
insert people \${} insert

```
firstName = "yue"  
lastName = "wu"  
sql.execute("insert into people (firstName, lastName) "+  
" values ('${firstName}', ${lastName})")
```

stringprepared statements

```
firstName = "yue"  
lastName = "wu"  
sql.execute("insert into people (firstName, lastName) "+  
" values (?,?)", [firstName, lastName])
```

insert item.execute(21)insert "?"Update.executeUpdate executeUpdate "?"

```
comment = "Lazy bum"  
sql.executeUpdate("update people set comment = ? where id=002", [comment])
```

delete

```
sql.execute("delete from word where word_id = ?" , [5])
```